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Notice of Allowability	Application No.	Applicant(s)	
	09/887,810	RAO, SRIRAM	
	Examiner	Art Unit	
	Mark A. Mais	2616	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Amendment of April 3, 2006.
2. ☒ The allowed claim(s) is/are 1-4, 7-19 and 22-32.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|---|---|
| <ol style="list-style-type: none"> 1. <input type="checkbox"/> Notice of References Cited (PTO-892) 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | <ol style="list-style-type: none"> 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) 6. <input checked="" type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____ 7. <input checked="" type="checkbox"/> Examiner's Amendment/Comment 8. <input type="checkbox"/> Examiner's Statement of Reasons for Allowance 9. <input type="checkbox"/> Other _____ |
|---|---|

DETAILED ACTION

1. Independent claims 1, 7, 16, and 22 were discussed [interview summary enclosed]. Statutory subject matter under 35 USC 101 was discussed and an agreement was made. Examiner and Applicant's representative agreed that the independent claims would be amended to put them in a form for allowance by Examiner's Amendment.

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

3. Authorization for this examiner's amendment was given in a telephone interview with Chris Brokaw on July 19, 2006.

4. Independent claims 1, 7, 16, and 22 are shown in their final forms below:

Claim 1 (Examiner Amendment) A computer-implementable method for having computer executable instructions on a computer readable medium for sending packets, comprising the steps of:

communicating, from an application to an operating system, a policy for manipulating packets,

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wherein the policy specifies at least one of (a) redirection needs of the application, (b) replication needs of the application, (c) packet aggregating needs of the application, and (d) packet splitting needs of the application; and

in response to receiving packets at the operating system, the operating system modifying the packets based on a policy without intervention of the application.

Claim 7 (Examiner Amendment) A computer-implementable method for having computer executable instructions on a computer readable medium for sending messages, comprising the steps of:

creating, by an application, an aggregate message from individual messages that are to be sent using an operating system service;

transmitting the aggregate message from the application to an operating system with a system call;

within the operating system, dividing the aggregate message back into individual messages; and

transmitting the individual messages using the operating system service, wherein at least one of the individual messages is sent to a different recipient than another of the individual messages.

Claim 16 (Examiner Amendment) A computer-readable medium carrying one or more sequences of computer instructions for sending packets, wherein the execution of one or more sequences of

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computer instructions by one or more processors causes the one or more processors to perform the steps of:

communicating, from an application to an operating system, a policy for manipulating packets,

wherein the policy specifies at least one of (a) redirection needs of the application, (b) replication needs of the application, (c) packet aggregating needs of the application, and (d) packet splitting needs of the application; and

in response to receiving packets at the operating system, the operating system modifying the packets based on a policy without intervention of the application.

Claim 22 (Examiner Amendment) A computer-readable medium carrying one or more sequences of computer instructions for sending packets, wherein the execution of one or more sequences of computer instructions by one or more processors causes the one or more processors to perform the steps of:

creating, by an application, an aggregate message from individual messages that are to be sent using an operating system service;

transmitting the aggregate message from the application to an operating system with a system call;

within the operating system, dividing the aggregate message back into individual messages; and

transmitting the individual messages using the operating system service,

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wherein at least one of the individual messages is sent to a different recipient than another of the individual messages.

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark A. Mais whose telephone number is 572-272-3138. The examiner can normally be reached on M-Th 5am-4pm.

6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Seema Rao can be reached on 571-272-3174. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MAM
July 19, 2005


RICKY Q. NGO
SUPERVISORY PATENT EXAMINER